



MISSOURI DEPARTMENT OF
HEALTH

Bob Holden
Governor
Maureen E. Dempsey, M.D.
Director

P.O. Box 570, Jefferson City, MO 65102-0570 • 573-751-6400 • FAX 573-751-6010

TO: Local health agencies, Missouri Department of Health District Offices, Hospital Infection Control Practitioners and Infectious Disease Specialists, Veterinarians, Missouri Influenza Sentinel Physicians, and Other State Infectious Disease Directors

FROM: Howard Pue, DVM, MS, Section Chief
Communicable Disease Control and Veterinary Public Health

SUBJECT: Monthly Communicable Disease Update (**Provisional**) July 2001
(through week 30 ending July 28, 2001)

DATE: August 17, 2001

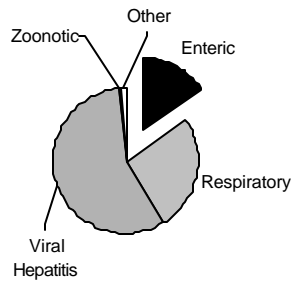
The Section of Communicable Disease Control and Veterinary Public Health publishes a monthly update on selected reported communicable diseases. The Section is responsible for reportable communicable diseases without federal funding. This information may also be found on the Missouri Department of Health (MDOH) Homepage at www.health.state.mo.us under Diseases & Conditions.

Educational literature may also be found at this web site in the Publications Section.

The After Hours Emergency Number for the Missouri Department of Health is (573) 751-4674. Diseases can be reported to the local health authority or the Missouri Department of Health at (800) 392-0272.

Monthly Communicable Disease Update, July, 2001 (Provisional Data)

Reported Diseases by Category
Missouri, Year-To-Date
December 31, 2000* - July 28, 2001

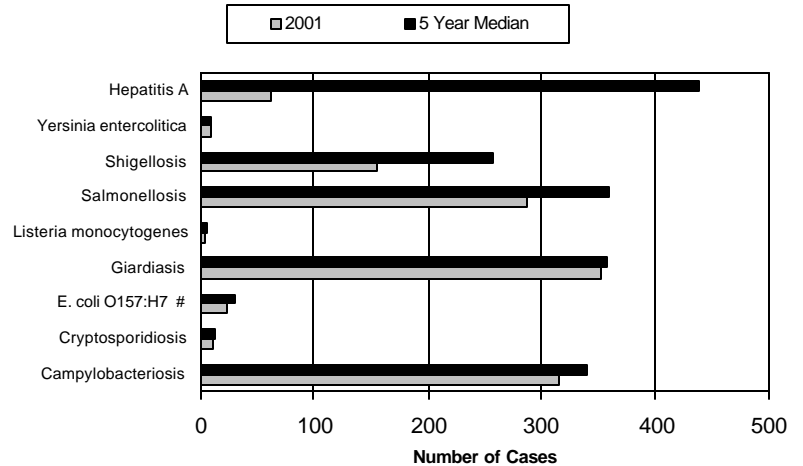


Each month a different "slice of the pie" is described in the chart to the right.

*Reporting year 2001 began December 31, 2000.

See below for list of diseases in each category.

December 31, 2000 to July 28, 2001
Compared to 5 Year Median for Corresponding Period
Enteric Diseases and Hepatitis A, Missouri



Reported Cases of Selected Diseases by Category

	2001 July	2001 YTD	2000 YTD	5 Year Median YTD	% Change 5 Year Median	Number of Cases, July 2001 by Health District						
						CD	ED	NE	NW	SE	SW	Unk
Enteric Diseases												
Campylobacteriosis	76	316	361	339	- 6.78%	10	33	3	15	10	5	
Cryptosporidiosis	3	11	13	13	- 15.38%	1	1	0	0	1	0	
E. coli O157:H7 #	3	23	66	30	+ 23.33%	0	3	0	0	0	0	
Giardiasis	40	352	383	358	+ 1.68%	4	30	0	0	3	3	
Listeria monocytogenes	0	3	3	5	- 40.00%	0	0	0	0	0	0	
Salmonellosis	69	287	396	359	- 20.06%	10	36	1	6	9	7	
Shigellosis	32	155	417	258	+ 39.92%	2	25	1	4	0	0	
Yersinia enterocolitica	1	9	8	8	+ 12.50%	0	1	0	0	0	0	
Respiratory												
Influenza (Lab Confirmed)	12	1871	2418	935	+ 100.11%	0	12	0	0	0	0	
Legionellosis	1	13	17	9	+ 44.44%	0	1	0	0	0	0	
Viral Hepatitis												
Hepatitis A	5	61	215	438	- 86.07%	0	4	0	0	0	1	
Hepatitis B	5	61	94	147	- 58.50%	1	1	0	0	3	0	
Hepatitis C (Acute)*	1	14	7	na	na	1	0	0	0	0	0	
Hepatitis C (Non-Acute)*	156	4054	3607	na	na	49	42	5	22	27	9	2
Zoonotic												
Ehrlichiosis	7	17	26	6	+ 183.33%	1	3	1	0	0	2	
Lyme Disease	2	15	34	34	- 55.88%	1	1	0	0	0	0	
Rocky Mtn Spotted Fever	6	28	13	11	+ 154.55%	1	1	2	0	2	0	
Tularemia	3	9	16	9		1	1	0	0	0	1	
Other												
HIB Disease	0	11	12	6	+ 83.33%	0	0	0	0	0	0	
Malaria	1	8	9	9	+ 11.11%	0	1	0	0	0	0	
Meningococcal Disease	0	37	48	57	- 35.09%	0	0	0	0	0	0	

*Hep C became reportable in 1997; it was previously included in Hepatitis Non A, Non B.
Reportable diseases of very low incidence (<10 cases in previous year) are not included.
~not divisible by zero

1999 Population Estimates by Missouri Health District

Central (CD)	Eastern (ED)	Northeast (NE)	Northwest (NW)	Southeast (SE)	Southwest (SW)
693,250	1,901,833	248,910	1,289,268	549,419	775,113

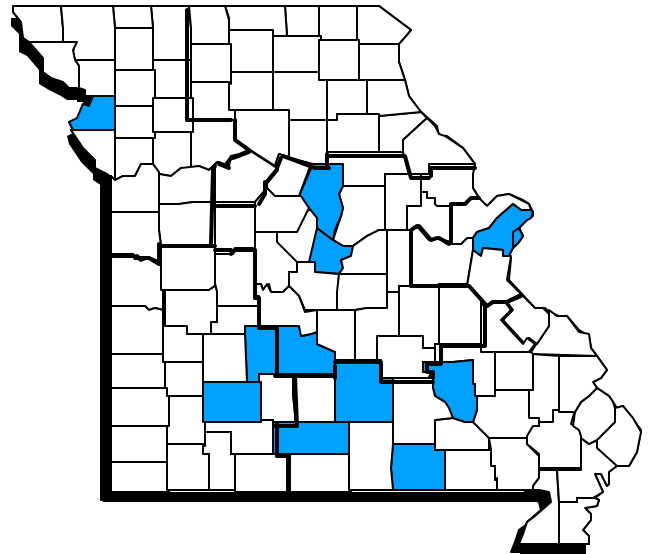
The after hours emergency number for the Missouri Department of Health is (573) 751-4674.

Monthly Communicable Disease Update, July, 2001 (Provisional Data)

Confirmed Rabies in Animals

Species	July		YTD	
	# Exams	# Positive	# Exams	# Positive
Dog	64	0	402	1
Cat	102	0	448	1
Bat	75	6	496	14
Skunk	3	0	29	3
Fox	3	0	12	0
Cow	2	0	23	0
Horse	1	0	5	1
Ferret	3	0	9	0
Raccoon	17	0	127	0
Rodent/Rabbit	11	0	95	0
Other Domestic	0	0	3	0
Other Wild	2	0	28	0
Exotic	0	0	1	0
Unknown	0	0	1	0
Total	283	6	1679	20

Confirmed Animal Rabies in Missouri
By Health District
December 31, 2000 - July 28, 2001



Counties Under Rabies Alert: Greene

Active Surveillance System

Local health agencies have established surveillance sites that report clinical symptoms. This system is intended to rapidly assess changes in the community's health. The current reporting format was implemented in July, 1998.

Signs and Symptoms of Diseases or Conditions	2001	2000	July 2001 by Health District					
	July	July	CD	ED	NE	NW	SE	SW
Animal Bites	255	257	62	7	22	69	38	57
Eye Redness w/drainage	525	523	129	24	51	67	174	80
Gastro Intestinal Illnesses								
Diarrhea and/or vomiting	1,470	1,383	427	127	89	146	405	276
Other	247	109	0	1	51	29	107	59
Respiratory Illness								
Flu-like illness	825	916	358	16	78	126	115	132
Pneumonia	464	449	148	43	45	42	116	70
Other URTI	1,703	971	138	46	236	281	804	198
Strep	379	351	70	17	19	106	91	76
Mono	32	16	1	0	17	4	6	4
Rash Illnesses								
Chickenpox (varicella)	96	93	28	4	2	16	27	19
Shingles - (varicella zoster)	53	42	12	0	1	8	18	14
Fifth Disease	25	16	16	2	0	1	5	1
Hand, Foot & Mouth Disease	49	133	12	1	8	6	7	15
Other	299	224	76	18	41	73	43	48
Hepatitis								
Hepatitis A	7	16	0	0	0	0	0	7
Hepatitis B	10	9	0	0	0	3	5	2
Hepatitis C	122	38	5	0	1	35	37	44
Infestations								
Pediculosis	313	467	67	6	18	28	132	62
Scabies	43	45	9	2	10	3	8	11
Other	23	32	4	0	5	2	1	11
Central nervous system illnesses								
Encephalitis	1	0	1	0	0	0	0	0
Meningitis	25	11	3	2	0	5	5	10
Hypothermia	2	6	1	0	0	1	0	0
Hyperthermia	77	113	6	0	0	47	15	9
Other	30	4	1	0	0	2	0	27